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ARCHIVES OF THE NATIONAL MUSEUM OF BRAZIL.¹—The first number of this new journal, established by the national museum recently founded at Rio Janeiro, contains several memoirs, among them one on the aboriginal remains in the shell-heaps of Southern Brazil, locally called "sambaquis," by Professor Wiener, and illustrated by two plates. Professor Hartt, in charge of the Geological Survey of Brazil, and director of the department of physical science and geology in the national museum, contributes an illustrated article of much interest on Brazilian pottery.

MANTON'S TAXIDERMY.²—Though fifty cents is a large price for this little book, and the illustrations consist of three rude diagrams, it is yet sufficiently explicit to enable one to learn how to stuff a bird or mammal if he is unable to take a few lessons from a teacher.

RECENT BOOKS AND PAMPHLETS.—The Preparation and Mounting of Microscopic Objects. By Thomas Davis. Second edition, greatly enlarged. Edited by John Matthews. New York: G. P. Putnam's Sons. 1876. 12mo, pp. 214. \$1.25

Bulletin of the United States Geological and Geographical Survey of the Territories. Vol. ii, No. 4. Washington, D. C. August 4, 1876. 8vo.

Force of Ciliary Motion. By H. P. Bowditch, M. D. (Reprinted from the Boston Medical and Surgical Journal.) Cambridge. 1876. 8vo, pp. 5.

Check-List of the Noctuidæ of America, North of Mexico. II. By A. R. Grote. Buffalo. 1876. 8vo, pp. 20. 75 cents.

Synopsis Cecidomyidarum. Von J. E. von Bergenstamm und P. Löw. Wien. 1876. 8vo, pp. 104.

Beiträge zur Anatomie und Histologie der Pflanzenläuse, insbesondere der Cocciden. Von E. L. Mark. Bonn. 1876. 8vo, pp. 59.

On the Growth of the Flower-Stalk of the Hyacinth. By A. W. Bennett. Preliminary Note on the Rate of Growth of the Female Flower-Stalk of *Vallisneria spiralis*. (Extracted from the Transactions of the Linnæan Society of London.) 1876.

Micro-Photographs in Histology, Normal and Pathological. 4to. By C. Seiler, M. D., in conjunction with J. Gibbons Hunt, M. D., and J. G. Richardson, M. D. Philadelphia: J. H. Coates & Co.

An Address on Some of the Leading Public Health Questions, etc. By J. M. Toner, M. D. Cambridge, Mass. 8vo, pp. 40.

Ueber die Befruchtung der Nordamerikanischen Yucca-Arten. Von J. Boll. 8vo, pp. 4.

GENERAL NOTES.

BOTANY.³

INFLUENCE OF LIGHT AND HEAT ON TRANSPIRATION IN PLANTS—Professor Wiesner has recently examined this interesting subject and has added a few facts to those already known. He shows that both light and radiant heat favor transpiration, or active evaporation from the sur-

¹ *Archivos do Museu Nacional do Rio de Janeiro*. Vol. i., No. 1. 1876. 4to, pp. 30. 5 plates.

² *Taxidermy without a Teacher*. By WALTER P. MANTON. Illustrated. South Framingham, Mass. 1876. 12mo, pp. 41. 50 cents.

³ Conducted by PROF. G. L. GOODALE.